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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/942,749	08/31/2001	Takeshi Saito	213503US2RD	1266

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1940 DUKE STREET  
ALEXANDRIA, VA 22314

EXAMINER
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ZAND, KAMBIZ

ART UNIT	PAPER NUMBER
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2132

DATE MAILED: 11/30/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/942,749

Applicant(s)

SAITO, TAKESHI

Examiner

Kambiz Zand

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 31 August 2001.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-14 is/are allowed.
- 6) ☒ Claim(s) 15-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 31 August 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 10/22/04.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

### DETAILED ACTION

1. **Claims 1-20** have been examined.

#### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. **Claims 15-20** are rejected under 35 U.S.C. 102(e) as being anticipated by Win et al (6,161,139 A).

**As per claims 15 and 17** Win et al (6,161,139 A) teach a home gateway device to be provided at a home network, comprising: an interface unit configured to relay communications between the home network and a prescribed access network(see figure 2); a registration unit configured to register an access server device in charge of access control for the home gateway device (see figure 2, block 102,106 and 109), with which communications are possible through the prescribed access network; and a

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control unit configured to handle accesses from outside the home network by permitting only those accesses which are made from the access server device which is registered by the registration unit in advance (see fig.2-8; col.4, lines 29-45; col.5, lines 63-67 and col.6, lines 1-9). Also see col.4, line 11- col.27, line 61 for detailed with respect to claim 17.

**As per claim 16** Win et al (6,161,139 A) teach the home gateway device of claim 15, further comprising a processing unit configured to transfer a prescribed message received from the access server device when an access made from the access server device is permitted, to a destination communication device on the home network after applying a protocol conversion according to a protocol of the home network (see col.5, lines 65-67 and col.6, lines 1-5 where it uses different browser for access which means different protocols; col.7, lines 48-67).

**As per claim 17** Win et al (6,161,139 A) teach the home gateway device of claim 15, further comprising a unit configured to return a home page containing contents regarding devices connected to the home network in response to a prescribed message received from the access server device when an access made from the access server device is permitted (see col.7, lines 38-67).

**As per claim 18** Win et al (6,161,139 A) teach the home gateway device of claim 15, further comprising: an automatic configuration recognition unit configured to carry out an

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automatic configuration recognition with respect to the home network, transmitting an inquiry message regarding an unknown device or service when the unknown device or service that is not registered in advance is detected on the home network as a result of the automatic configuration recognition, and receiving a response message containing data regarding the unknown device or service inquired by the inquiry message from the access server device (see col.9, lines 17-65; col.8, lines 19-26).

**As per claim 20** Win et al (6,161,139 A) teach the home gateway device of claim 15, further comprising a unit configured to apply encryption processing or digital signature processing to communications with the access server device (see col.10, lines 42-49).

#### ***Allowable Subject Matter***

4. Claims 1-14 are allowed.

The examiner reasons for allowance will be provided upon allowance of the application.

#### **Conclusion**

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

U.S.Patent No. US (6,763,370 B1) teach method and apparatus for content protection in a secure content delivery system.

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U.S. Patent No. US (6,182,142) teach distributed access management of information resources.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kambiz Zand whose telephone number is (571) 272-3811. The examiner can normally be reached on Monday-Thursday (8:00-5:00). If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron can be reached on (703) 305-1830. The fax phone numbers for the organization where this application or proceeding is assigned as (703) 872-9306. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
Kambiz Zand

11/27/04